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3 **FACSIMILE #703-872 9306, FOR EXAMINER**
4 **FRED G. PRINCE, TELEPHONE 571 272 1165**
5 **ART UNIT 1724**
6 fax of 15 pages

SEP 07 2004

Our Ref. No. P-1534-011

8 **IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**
9

10 In Re Application of:
11 CULLINAN } Date: September 7, 2004
12 Serial No. 09/041,685 } Group Art Unit: 1724
13 Filed: March 13, 1998 } Examiner: Fred G. Prince
14 For: A VERTICAL VORTEX OR
15 LAMINAR FLOW INTERACTIVE
16 BIO MEDIA WATER TREATMENT
17 DEVICE or in the alternative A BIO-
18 REACTIVE GREASE AND OIL
19 SEPARATOR }

16 **AMENDMENT AND RESPONSE**

17 Hon. Commissioner of Patents and Trademarks
18 Washington, D.C. 20231

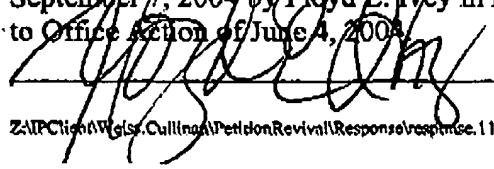
19 Dear Commissioner:

20 In response to the communication from the Examiner dated June 4, 2004, please
21 consider the following:

22 **I. INTRODUCTORY COMMENTS**23 **Response is Timely Filed**

24 The applicant respectfully observes that this response is timely filed. The
25 Examiner's Action was June 4, 2004. September 4 fell on a Saturday and September 6

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to Office Action of June 4, 2004.


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1 was Labor Day. Hence the next business day was Tuesday, September 7, 2004.
2 However, the Examiner is hereby authorized to deduct fees otherwise owing from the
3 deposit account of Liebler, Ivey & Connor, P.S./Floyd E. Ivey, 35,552, Deposit account
4 No. 50-0607.

5 **Form of Amendments**

6 The amendments and substitution pages are submitted in the new format. Hence,
7 for each amendment to each distinct section of the application, a separate sheet will be
8 employed per the new format. Separate sheets will be commenced for a.) Introductory
9 Comments; b.) Amendments to the Specification; c.) Amendments to the Claims; and d.)
10 Remarks. It is observed that for claims, all claims will be displayed where any
11 amendment is made to any claim. Amendments to claims shall be shown by strike
12 through for deletions and underlining for additions. Amendments to the specification will
13 be by strikeout and underlining. No separate "clean" version is provided for either
14 amendments to claims or specification.

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16 **Informal Interview**

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18 Your applicant submitted an Unofficial For Discussion only draft Response and
19 has discussed Applicant's Proposed Responses to the Examiner's Objections and
20 Rejections. Your applicant respectfully expresses appreciation to the Examiner for the
21 thoughtful consideration given to the proposals made relative to the Objections and
22 Rejections.

23 The Examiner advises that the Examiner's objection to the Specification remains
24 that the phrase "an adhesive or a mechanical fixing means between the vane tip (98) and
25 the groove (150)" at pages 11, 12, 16 and 17 is added matter. Your applicant observes

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1 that those of ordinary skills in these related arts will appreciate that an adhesive or
2 mechanical fixing means will be used in the ordinary course. The Specification has been
3 amended to strike the indicated phrases from pages 11, 12, 16 and 17.

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6 **Status of Drawings -Amendment of Drawings**

7 The Examiner has stated, at page 2, paragraph 2, that the drawings are sufficient
8 for examination purposes. The Examiner has stated that allowable subject matter is
9 indicated. Your applicant will submit the informal drawings for preparation in final
10 format following advice of the allowance of claims.

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12 **Status of Claims**

13 Claims 30-42 are pending. Claims 30-42 are rejected.

14 **Response to Office Action of June 4, 2004**

15 Your applicant now responds to the Office Action of June 4, 2004.

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